

XP-002085337

- 1/1 - (C) WPI / DERWENT
AN - 97-161797 ç15!
AP - JP950181574 950718
PR - JP950181574 950718
TI - Microcapsule used, e.g., for printing, dyes, optical recording materials and inks - contg. photochromic cpd. and high b. pt. solvent, having high transparency, response speed and colour density
IW - MICROCAPSULE PRINT DYE OPTICAL RECORD MATERIAL INK CONTAIN PHOTOCHROMIC COMPOUND HIGH SOLVENT HIGH TRANSPARENT RESPOND SPEED COLOUR DENSITY
PA - (FUJF) FUJI PHOTO FILM CO LTD
PN - JP9031453 A 970204 DW9715 C09K9/02 013pp
ORD - 1997-02-04
IC - B01J13/16 ; C09K9/02 ; G03C1/73
FS - CPI;GMPI
DC - A89 G06 J04 P83
AB - J09031453 The microcapsule has a mean particle dia. of at most 2.0 μ m and contains a photochromic cpd. and a high b. pt. solvent with the wall consisting of a synthetic polymer.
- Also claimed are elements carrying at least 2 types of microcapsule, each contg. a photochromic cpd. having a colouring absorption peak wavelength difference of at least 50 nm for each other on a substrate with the wall consisting of a polyurethane-urea. The microcapsules are pref. carried on one layer by using a polymer binder on a transparent substrate and a protective layer is put on the microcapsules.
- USE - The microcapsules and the elements are used for dimming, display, printing, colouration and recording and thus for dyes, transfer agents, sunglasses, goggles, optical recording materials, dimming materials and filters, display materials, interior prods., toys, actinometers, clothes, cosmetics, writing instruments and inks.
- ADVANTAGE - The microcapsules have photochromism at room temp., high transparency, a high response speed, high colour density at at least room temp. and good colour development/disappearance durability.
- (Dwg.0/0)